

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Leslie W. ORGAN et al. : Confirmation Number:  
Serial No.: Divisional of Appl. No.  
09/749,613 : Group Art Unit:  
Filed: November 13, 2003 : Examiner:  
For: ELECTRICAL IMPEDANCE METHOD AND APPARATUS FOR DETECTING AND  
DIAGNOSING DISEASES

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

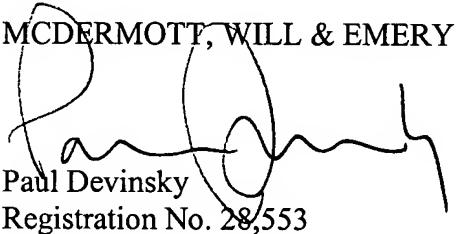
This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The references were cited by or submitted to the U.S. Patent and Trademark Office in parent application Serial No. 09/749,613, filed December 28, 2000, which is relied upon for an

earlier filing date under 35 USC 120. Thus, copies of these references are not attached. 37 CFR 1.98(d).

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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**Date: November 13, 2003**

INFORMATION DISCLOSURE CITATION IN AN APPLICATION			ATTY. DOCKET NO. <b>50162-042</b>		SERIAL NO. <b>Divisional of Appl. No. 09/749,613</b>	
			APPLICANT <b>Leslie W. ORGAN et al.</b>			
(PTO-1449)			FILING DATE <b>November 13, 2003</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sub>2</sub> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US	4,034,854	7/12/1977	BEVILACQUA		
	US	4,291,708	9/29/1981	FREI et al.		
	US	4,365,634	12/28/1982	BARE et al.		
	US	4,407,300	10/4/1983	DAVIS		
	US	4,458,694	7/10/1984	SOLLISH et al.		
	US	4,486,835	12/4/1984	BAI et al.		
	US	4,537,203	8/27/1985	MACHIDA		
	US	4,539,640	9/3/1985	FRY et al.		
	US	4,557,271	12/10/1985	STOLLER et al.		
	US	4,583,549	4/22/1986	MANOLI		
	US	4,617,939	10/21/1986	BROWN et al.		
	US	4,688,580	8/25/1987	KO et al.		
	US	4,763,660	8/16/1988	KROLL et al.		
	US	4,942,880	7/24/1990	SLÖVAK		
	US	5,143,079	9/1/1992	FREI et al.		
	US	5,311,878	11/17/1994	BROWN et al.		
	US	5,465,730	11/14/1995	ZADEHKOOCHAK et al.		
	US	5,544,662	8/13/1996	SAULNIER et al.		
	US	5,588,429	12/31/1996	ISAACSON et al.		
	US	5,704,355	1/6/1998	BRIDGES		
	US	5,746,214	5/5/1998	BROWN et al.		
	US	5,807,251	9/15/1998	WANG et al.		
	US	5,810,742	9/22/1998	PEARLMAN		
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code <sub>3</sub> -Number +-Kind Codes ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation
		FR 2 486 386	1/15/1982			Yes      No
<b>OTHER ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
EXAMINER				DATE CONSIDERED		

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION			ATTY. DOCKET NO. <b>50162-042</b>	SERIAL NO. <b>Divisional of Appl. No. 10/749,613</b>
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		US 6,122,544	9/19/2000	Organ
		US 4,537,203	08/27/1985	Machida
		US 4,557,271	12/10/1985	Stoller et al.
		US 5,372,141	12/13/1994	Gallup
		US 5,807,251	09/15/1998	Wang et al.
		US 5,810,742	09/22/1998	Pearlman
		US 6,122,544	09/19/2000	Organ
<b>FOREIGN PATENT DOCUMENTS</b>				
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number +-Kind Codes ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		CA 2,231,038	11/5/1999	Pages, Columns, Lines Where Relevant Figures Appear
<b>OTHER ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)				
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		Pethig, R., and Kell, D.B., The Passive Electrical Properties of Biological Systems: Their Significance in Physiology, Biophysics and Biotechnology, <i>Phys. Med. Biol.</i> 32:933-970, 1987		
		Chaudhary, S.S., Mishra, R.K., Swarup, A., and Thomas, J.M., Dielectric Properties of Normal & Malignant Human Breast Tissues at Radiowave and Microwave Frequencies, <i>Indian J. Biochem. Biophys.</i> 21:76-79, 1984		
		Surowiec, A.J., Stuchly, S.S., Barr, J.R., and Swarup, A., Dielectric Properties of Breast Carcinoma and the Surrounding Tissues, <i>IEEE Trans. Biomed. Engng.</i> 35:257-263, 1988		
		Jossinet, J., Fourcade, C., and Schmitt, M., A Study for Breast Imaging with a Circular Array of Impedance Electrodes, <i>Proc. Vth Int. Conf. Bioelectrical Impedance</i> , 1981, Tokyo, Japan, 83-86		
		Jossinet, J.C., and Mbock-Mbock, E., Technical Implementation and Evaluation of a Bioelectrical Breast Scanner, <i>Proc. 10th Int. Conf. IEEE Engng. Med. Biol.</i> , 1988, New Orleans, USA (Imped. Imaging II)		
		Skidmore, R., Evans, J.M., Jenkins, D., and Wells, P.N.T., A Data Collection System for Gathering Electrical Impedance Measurements from the Human Breast, <i>Clin. Phys. Physio. Meas.</i> , 8:99-102, 1987		
		Piperio, G., Frei, E.H., and Moshitzky, M., Breast Cancer Screening by Impedance Measurements, <i>Front. Med. Biol. Engng.</i> , 2:111-117, 1990		
		Man, B., Sollish, B.D., Moshitzky, M., Choukron, Y., and Frei, E.H., Results of Preclinical Tests for Breast Cancer Detection by Dielectric Measurements, <i>XII Int. Conf. Med. Biol. Engng.</i> , 1979, Jerusalem, Israel. Springer Int., Berlin, 1980, 30,4		
		Sollish, B.D., Frei, E.H., Hammerman, E., Lang, S.B., and Moshitzky, M., Microprocessor-assisted Screening Techniques. <i>Isr. J. Med. Sci.</i> 17:859-864, 1981		
EXAMINER			DATE CONSIDERED	

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